


SACC-M12...-4QCONM12 plug connector for 0.34 - 0.75 mm²

Description	Type	Order No.	Pcs. Pkt.	
Sensor plug connector, 4-pos. Male, straight version, with plastic knurl	with hexagonal nut	SACC-M12MS-4QCON	16 81 41 5	1
	with LOOP nut	SACC-M12MS-4QLCON	16 40 22 3	
Sensor plug connector, 4-pos. Female, straight version, with plastic knurl	with hexagonal nut	SACC-M12FS-4QCON	16 81 40 2	1
	with LOOP nut	SACC-M12FS-4QLCON	16 70 23 5	

Accessories

Closing cap, for closing unoccupied connections		QPROT 9/11	16 70 23 5	50
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Technical data**General characteristics**

Number of positions 4

Conductor data

Cross section range of the cores	[mm ²]	0.34 - 0.75
Core structure/smallest wire cross section	[mm]	VDE 0295 class 2 to 5 / 0.15
Core insulation material		PVC / PE
Core cross section (incl. insulation)	[mm]	≤ 2.5
External conductor cross section	[mm]	4 - 7.5
Torque of union nut	[Nm]	2.5

Environmental conditions

Protection type (IEC 529 / EN 60 529 / DIN VDE 0470-1)		IP 67
Ambient temperature	[°C]	- 25 to + 60
Temperature when conductor is connected	[°C]	+ 5 to + 50

Electrical characteristics

Nominal current	[A]	4
Rated voltage	[V AC]	63 125 250
Surge voltage category / contamination class		III / 3 III / 2 II / 2

Mechanical characteristicsFrequency of the connection of conductors of the same cross section 10¹)**Material data**

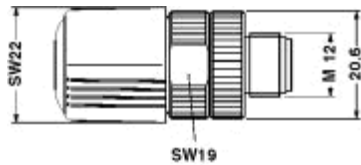
Contact material	CU alloy
Contact surface	pre-nickel plated and tin-plated
Insulation material	PA 6.6
Inflammability class acc. to UL 94	V0

¹⁾ Before renewed use, it may be necessary to replace seal and cap.

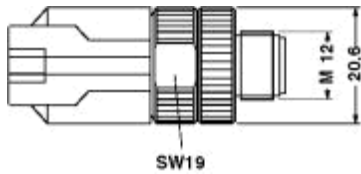
Note:

Plug connectors may only be operated when under no load.

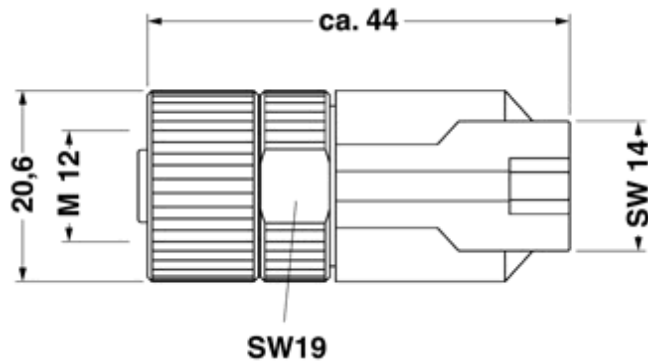
Dimensional drawing



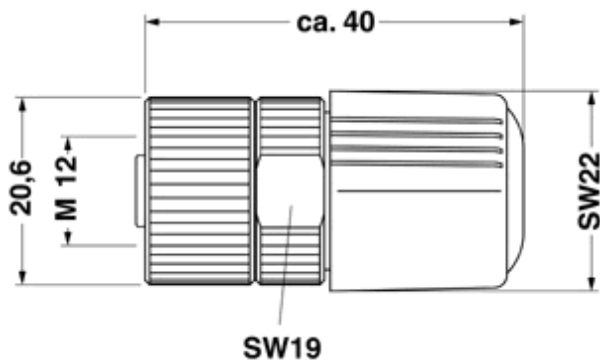
SACC-M12MS-4QCON (plug)



SACC-M12MS-4QLCON (plug)



SACC-M12FS-4QLCON (socket)



Circuit diagram

SACC-M12FS-4QCON (socket)

